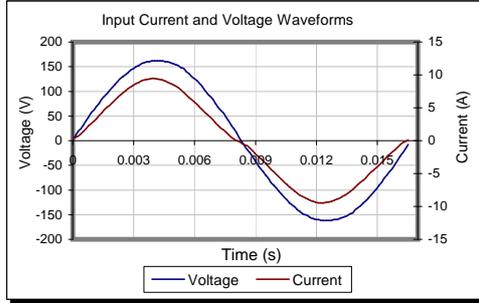


# 80 PLUS Verification and Testing Report

<b>TYPICAL EFFICIENCY (50% Load):</b>	<b>85.61%</b>
<b>AVERAGE EFFICIENCY :</b>	<b>83.81%</b>
<b>80 PLUS COMPLIANT:</b>	<b>YES</b>



<b>Ecos ID #</b>	1075.1
<b>Manufacturer</b>	THERMALTAKE TECHNOLOGY CO., LTD.
<b>Model Number</b>	TR-600P TR2-600AH2NFB
<b>Serial Number</b>	S8341100001
<b>Year</b>	2008
<b>Type</b>	ATX12V
<b>Test Date</b>	10/21/2008

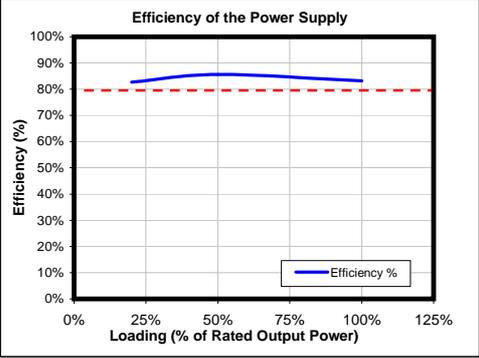
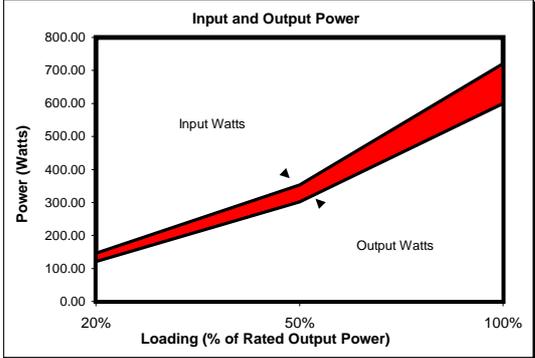


Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	9.5-4.5	Amps
Input Frequency	50-60	Hz
<b>Rated Output Power</b>	<b>600</b>	<b>Watts</b>

Note: All measurements were taken with input voltage at 115 V nominal and 60 Hz.

Input AC Current Waveform (ITHD = 15.68%, 50% Load)

I <sub>RMS</sub> A	PF	I <sub>THD</sub> (%)	Load (%)	Fraction of Load	Input Watts	DC Terminal Voltage (V)/ DC Load Current (A)					Output Watts	Efficiency %
						12V (cumulative of 12V1, 12V2, etc.)						
1.31	0.97	22.52%	20%	Light	146.35	12.1/7.2	12/0.2	3.4/3.4	5.2/3.4	5.1/0.6	120.97	82.66%
3.12	0.98	15.68%	50%	Typical	353.04	12/18.2	12/0.4	3.3/8.4	5.1/8.4	5/1.5	302.24	85.61%
6.30	0.99	9.34%	100%	Full	721.08	12/36.3	12.1/0.8	3.3/16.8	5/16.8	4.9/3	599.59	83.15%



These tests were conducted by a third party independent testing firm on behalf of the 80 PLUS<sup>®</sup> Program. 80 PLUS is a certification program to promote highly-efficient power supplies (greater than 80% efficiency in the active mode) in technology applications. <http://www.80plus.org/>

